

# Takanori Saito

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,317  
citations

361413

20  
h-index

361022

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome Analysis of Japanese Pear ( <i>Pyrus pyrifolia</i> Nakai) Flower Buds Transitioning Through Endodormancy. <i>Plant and Cell Physiology</i> , 2013, 54, 1132-1151.	3.1	147
2	An apple B-box protein, MdCOL11, is involved in UV-B- and temperature-induced anthocyanin biosynthesis. <i>Planta</i> , 2014, 240, 1051-1062.	3.2	123
3	Histone modification and signalling cascade of the dormancy-associated MADS-box gene, PpMADS13, in Japanese pear ( <i>Pyrus</i> )	5.7	106
4	Dormancy-Associated MADS-Box (DAM) and the Abscisic Acid Pathway Regulate Pear Endodormancy Through a Feedback Mechanism. <i>Plant and Cell Physiology</i> , 2017, 58, 1378-1390.	3.1	99
5	Expression and genomic structure of the dormancy-associated MADS box genes MADS13 in Japanese pears ( <i>Pyrus pyrifolia</i> Nakai) that differ in their chilling requirement for endodormancy release. <i>Tree Physiology</i> , 2013, 33, 654-667.	3.1	91
6	Expression of DORMANCY-ASSOCIATED MADS-BOX (DAM)-like genes in apple. <i>Biologia Plantarum</i> , 2015, 59, 237-244.	1.9	71
7	Evaluation of Reference Genes for Accurate Normalization of Gene Expression for Real Time-Quantitative PCR in <i>Pyrus pyrifolia</i> Using Different Tissue Samples and Seasonal Conditions. <i>PLoS ONE</i> , 2014, 9, e86492.	2.5	66
8	Involvement of EARLY BUD-BREAK, an AP2/ERF Transcription Factor Gene, in Bud Break in Japanese Pear ( <i>Pyrus pyrifolia</i> Nakai) Lateral Flower Buds: Expression, Histone Modifications and Possible Target Genes. <i>Plant and Cell Physiology</i> , 2016, 57, 1038-1047.	3.1	49
9	Epigenetic regulation of MdMYB1 is associated with paper bagging-induced red pigmentation of apples. <i>Planta</i> , 2016, 244, 573-586.	3.2	47
10	Screening of UV-B-induced genes from apple peels by SSH: possible involvement of MdCOP1-mediated signaling cascade genes in anthocyanin accumulation. <i>Physiologia Plantarum</i> , 2012, , n/a-n/a.	5.2	46
11	Abscisic acid is involved in aromatic ester biosynthesis related with ethylene in green apples. <i>Journal of Plant Physiology</i> , 2018, 221, 85-93.	3.5	41
12	Development of flower buds in the Japanese pear ( <i>Pyrus pyrifolia</i> ) from late autumn to early spring. <i>Tree Physiology</i> , 2015, 35, 653-662.	3.1	36
13	Repression of TERMINAL FLOWER1 primarily mediates floral induction in pear ( <i>Pyrus pyrifolia</i> Nakai) concomitant with change in gene expression of plant hormone-related genes and transcription factors. <i>Journal of Experimental Botany</i> , 2017, 68, 4899-4914.	4.8	31
14	Physiological differences between bud breaking and flowering after dormancy completion revealed by DAM and FT/TFL1 expression in Japanese pear ( <i>Pyrus pyrifolia</i> ). <i>Tree Physiology</i> , 2016, 36, 109-120.	3.1	30
15	Screening of UV-B-induced genes from apple peels by SSH: possible involvement of MdCOP1-mediated signaling cascade genes in anthocyanin accumulation. <i>Physiologia Plantarum</i> , 2013, 148, 432-444.	5.2	30
16	Transcriptome analysis of <i>Pyrus pyrifolia</i> leaf buds during transition from endodormancy to ecodormancy. <i>Scientia Horticulturae</i> , 2012, 147, 49-55.	3.6	27
17	Effect of extending the photoperiod with low-intensity red or far-red light on the timing of shoot elongation and flower-bud formation of 1-year-old Japanese pear ( <i>Pyrus pyrifolia</i> ). <i>Tree Physiology</i> , 2014, 34, 534-546.	3.1	25
18	Jasmonate application influences endogenous abscisic acid, jasmonic acid and aroma volatiles in grapes infected by a pathogen ( <i>Glomerella cingulata</i> ). <i>Scientia Horticulturae</i> , 2015, 192, 166-172.	3.6	25

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19	Small RNA and PARE sequencing in flower bud reveal the involvement of sRNAs in endodormancy release of Japanese pear ( <i>Pyrus pyrifolia</i> 'Kosui'). <i>BMC Genomics</i> , 2016, 17, 230.	2.8	25
20	Effects of Ethephon and Abscisic Acid Application on Ripening-Related Genes in 'Kohi'™ Kiwifruit ( <i>Actinidia chinensis</i> ) Tj ETQq0 0.0 rgBT /Overlock 10	5.0	22
21	Paclobutrazol elevates auxin and abscisic acid, reduces gibberellins and zeatin and modulates their transporter genes in Marubakaido apple ( <i>Malus prunifolia</i> Borkh. var. ringo Asami) rootstocks. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 502-511.	5.8	20
22	Changes in phytohormone content and associated gene expression throughout the stages of pear ( <i>Pyrus pyrifolia</i> Nakai) dormancy. <i>Tree Physiology</i> , 2021, 41, 529-543.	3.1	19
23	Effects of light emitting diode irradiation at night on abscisic acid metabolism and anthocyanin synthesis in grapes in different growing seasons. <i>Plant Growth Regulation</i> , 2016, 79, 39-46.	3.4	18
24	Characterization of 10 MADS-box genes from <i>Pyrus pyrifolia</i> and their differential expression during fruit development and ripening. <i>Gene</i> , 2013, 528, 183-194.	2.2	14
25	Effects of IPT or NDGA Application on ABA Metabolism and Maturation in Grape Berries. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1210-1221.	5.1	14
26	±-Ketol linolenic acid (KODA) application affects endogenous abscisic acid, jasmonic acid and aromatic volatiles in grapes infected by a pathogen ( <i>Glomerella cingulata</i> ). <i>Journal of Plant Physiology</i> , 2016, 192, 90-97.	3.5	13
27	Salt Tolerance in Apple Seedlings is Affected by an Inhibitor of ABA 8-Hydroxylase CYP707A. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 643-650.	5.1	12
28	Lipid droplet-associated gene expression and chromatin remodelling in LIPASE 5-upstream region from beginning- to mid-endodormant bud in 'Fuji'™ apple. <i>Plant Molecular Biology</i> , 2017, 95, 441-449.	3.9	9
29	Effects of pre-harvest application of ethephon or abscisic acid on 'Kohi'™ kiwifruit ( <i>Actinidia chinensis</i> ) Tj ETQq1 1 0.784314 rgBT /	3.6	8
30	&lt;i>Propyl dihydrojasmonates influence ethylene signal transduction in infected apple fruit by &lt;i>Botrytis cinerea&lt;/i>. <i>Horticulture Journal</i> , 2019, 88, 41-49.	0.8	7
31	Inhibition of Abscisic Acid 8-Hydroxylase Affects Dehydration Tolerance and Root Formation in Cuttings of Grapes ( <i>Vitis labrusca</i> L.— <i>Vitis vinifera</i> L. cv. Kyoho) Under Drought Stress Conditions. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 1577-1586.	5.1	7
32	Ethylene production and 1-aminocyclopropane-1-carboxylate (ACC) synthase and ACC oxidase gene expression in apple fruit are affected by 9,10-ketol-octadecadienoic acid (KODA). <i>Postharvest Biology and Technology</i> , 2012, 72, 20-26.	6.0	6
33	Exogenous ABA and endogenous ABA affects 'Kyoho'™ grape berry coloration in different pathway. <i>Plant Gene</i> , 2018, 14, 74-82.	2.3	6
34	Association of auxin, cytokinin, abscisic acid, and plant peptide response genes during adventitious root formation in Marubakaido apple rootstock ( <i>Malus prunifolia</i> Borkh. var. ringo Asami). <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	6
35	Abscisic acid affects ethylene metabolism and carotenoid biosynthesis in Japanese apricot ( <i>Prunus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	5
36	Isoleucine (Ile) Promotes Anthocyanin Accumulation in Apples. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 541-549.	5.1	5

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37	A combination of hot water and abscisic acid (ABA) biosynthesis inhibitor regulates ripening of Japanese apricot ( <i>Prunus mume</i> ) fruit. <i>European Journal of Horticultural Science</i> , 2021, 86, 461-468.	0.7	4
38	Dehydration stress memory: Insights from physiological responses of sugar apple ( <i>Annona squamosa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2
39	Retardation of Endogenous ABA Synthesis by NDGA in Leaves Affects Anthocyanin, Sugar, and Aroma Volatile Concentrations in "Kyoho"™ Grape Berries. <i>Horticulture Journal</i> , 2022, 91, 186-194.	0.8	2
40	Oxylipin affects ethylene metabolism and ethylene receptor gene expression levels in peach fruit ( <i>Prunus persica</i> L. Batsch). <i>Journal of Horticultural Science and Biotechnology</i> , 2019, 94, 201-209.	1.9	1
41	Salt stress in apple seedlings was mitigated by n-propyl dihydrojasmonate, a synthetic analog of jasmonic acid. <i>European Journal of Horticultural Science</i> , 2021, 86, 567-575.	0.7	0